

WOLBERG, Ignacy

Legal aspects of labor standards. Praca zabezp spol 6 no.1:
14-18 Ja'64.

WOLBERG, Ignacy

Cumulation of jobs; some remarks concerning necessary legislation.
Praca zabezpieczenia społ. no. 3:9-12 Mr '64.

WOLCZAKI, P.

New trends in designing profiles of embankment buttresses. p. 69. (Gospodarka Wodna, Vol. 17, No. 2, Feb 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

WOLEGICKI, Paweł, mgr inż.

Remarks on the economical designing of earth dams. Gosp
wodna 23 no. 10385-386 C '63.

WOLCZACKI, Paweł, mgr., inż.

Notes on dr., eng. T. Manthey's article "Model studies on filling the lock chamber through hook gates". Gosp wodna 22 no. 3:95. Mr '62

1. "Hydroprojekt"

WOLCZAKI, Paweł, mgr. inż.

The Krakow-Dabie Cascade, its organization and course of construction. Gosp wodna 22 no.7:307-308 J1 '62.

1. Hydropunkt, Warszawa.

WOLCZAKI, Paweł, mgr inż.

Scientific meeting on the development of transportation on the
Vistula River and the participation of inland navigation in ser-
vicing the seaports. Gosp wcdna 24 no.3:117-118 Mr '64.

WOLCZANSKI, Jan
URNAME, Given Names

Country: Poland

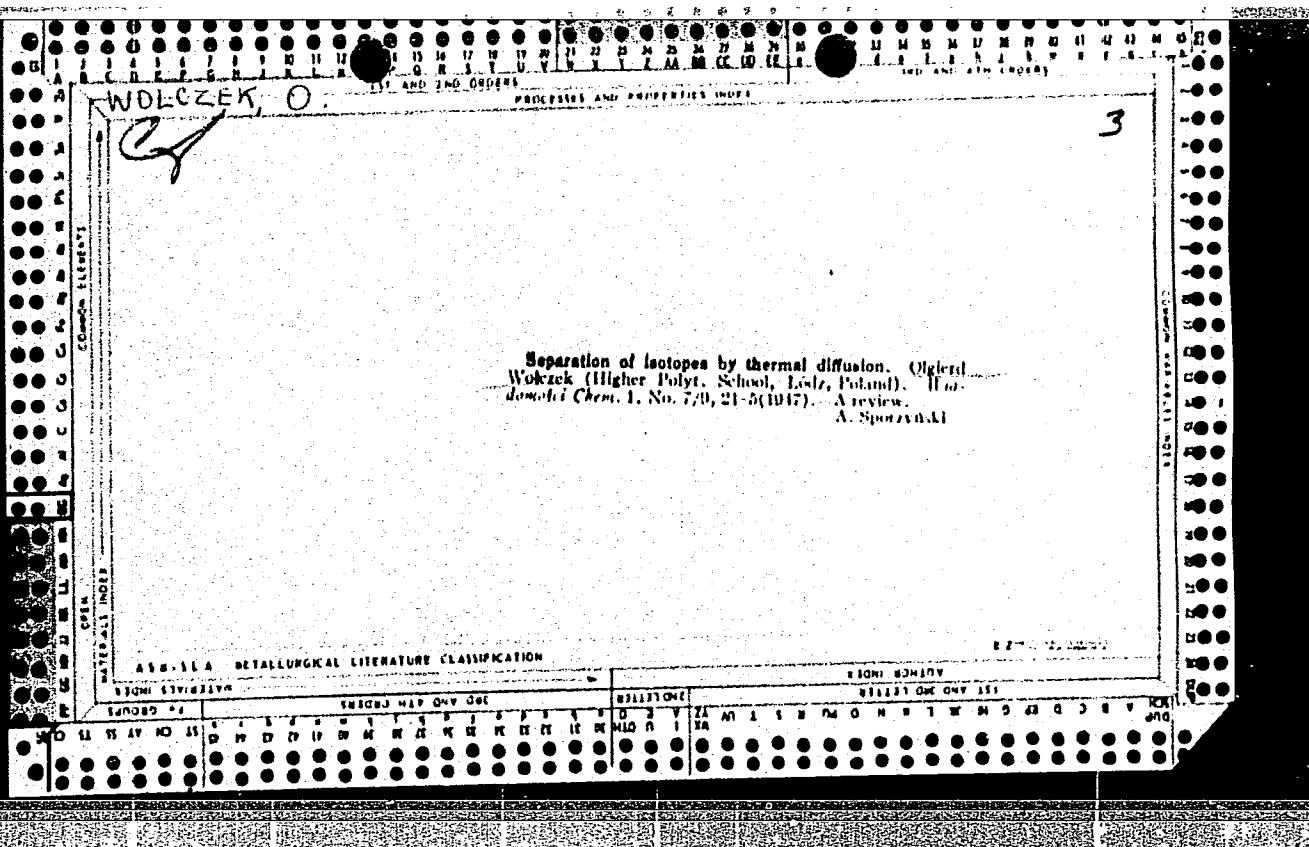
Academic Degrees: not given

Affiliation: not given

Source: Warsaw, Przeglad Lekarski, No 6, 1961, pp 251-253.

Data: "The Health Resort Rymanow-Zdroj."

GPO 981643



Wolczek Olgierd

1-1972

Activation analysis of elements. Olgierd Wolczek (Wrocław Univ.) Postepy Fiz. 5, 89-93 (1954). Activation analysis of 2-component materials previously irradiated by thermal neutrons is described. A table of properties of irradiated elements is included. Sylvia Nowak

WOLCZEK, Olgierd

"Atomic Energy," by Mgr. Engr. Olgierd Wolczek. Problemy, No. 3(108), Year XI,
Mar 55, p 156.

WOLCZEK, Olgierd

Importance of nuclear energy in modern medicine. *Wiadomosci lek.*
8 no.3:97-109 Mar 55.

1. Warszawa, Instytut Fizyki P.A.N.
(ATOMIC ENERGY,
role in modern med.)
(MEDICINE,
modern, atomic energy in)

WOLCZEK, Olgierd

Energia Jadrowa w Technice (Nuclear Power in Technology), Warsaw: Państwowe Wydawnictwa Techniczne, 1956.
98 p. Illus., Diagrams., Tables.
Bibliography: p. 96-97.

55M/6
6667.7
.W8

~~OLGIERD~~ WOLCZEK, O.
POLAND/Physical Chemistry. Isotopes.

B-7

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14582

Author : Olgierd Wolczek

Inst : -

Title : Notes Concerning Isotopes

Orig Pub: Kosmos (Polska), 1956, B2, No 2, 157-159,

Abstract: No abstract.

Card 1/1

WOLCZEK, Olgierd

"Nuclear Propulsion for Aircraft and Rockets," part V of a collective work
entitled, Newest Aviation Designs, published in Warsaw: 1957. pp. 102-55.

WOLCZEK, Olgierd (Mgr.)

Mgr. Olgierd Wolczek.: "Nuclear Rockets Will Conquer Space," (Rakiety Jadrowe Pokonaja Przestworza), Problemy, No 1(130), 13 Year, 1957, Warsaw.

WOLCZEK, O.

"Nuclear energy and aeronautics."

p. 191 (Kosmos. Serbia B: Przyroda Nieozwiona) Vol. 3, no. 3, 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

21(3,5)

PHASE I BOOK EXPLOITATION

SOV/3137

Wołczek, Olgierd

Izotopy na sluzhbe cheloveka (Isotopes in the Service of Man)
Moscow, Fizmatgiz, 1958, 271 p. Errata slip inserted.
20,000 copies printed. [Translated from the Polish]
(Title page):

Translator: Yu. P. Terekhov; Ed.: U. Ya. Margulis; Tech. Ed.:
N. Ya. Murashova.

PURPOSE: This book is intended for persons interested in the various
uses of radioactive isotopes.

COVERAGE: The book reviews the preparation and isolation of radioactive
isotopes and describes in detail their use in mass
spectroscopy, galvanometry, radio chemistry, technological
control processes, archeological and astronomical dating and
in atomic power production. Simplified cross sections of jet
engines which employ nuclear and thermonuclear reactors are

Card 1/ 4

Isotopes in the Service of Man

SOV/3137

also included. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Foreword of the Editor of the Translation	7
Ch. I. Modern Concepts on the Structure of Matter	9
1. Matter	9
2. The world of atoms	15
3. Atomic decay	25
4. Artificial nuclear transformations	33
5. Discovery of artificial radioactivity	43
6. The periodic law of Mendeleyev	46
7. Isotopes	51
8. Transformation of matter by neutrons	58
9. The releasing of atomic energy	66
Ch. II. The World of Isotopes	78
A. How Isotopes Are Separated	79
1. Mass spectroscopy	79
2. Heavy water	89

Card 2/4

Isotopes in the Service of Man

SOV/3137

3. Other methods (of deuterium and heavy-water preparation)	101
B. Production and Production Again	119
1. From nuclear reaction to isotope	119
2. Radio chemists and radio chemistry	128
3. The nuclear reactor - modern isotope factory	137
C. A Word About Technical Control	149
D. Among Isotopes	160
1. In the isotope storehouse	160
2. Transuranic elements	170
3. Neptunium and plutonium	176
4. Experimental technique	180
5. Americium and curium	184
6. Berkelium and californium	186
7. Other transuranic elements	187
8. Actinides	188
9. The importance of transuranic elements	192
Ch. III. Isotopes in the Service of Man	193

Card 3/4

Isotopes in the Service of Man

SOV/3137

1. On the front in the war against cancer	193
2. On the roads of life and death	202
3. How matter is studied	213
4. New vistas in agriculture	221
5. Isotopes come to industry	225
6. From the history of the universe, Earth and man	236
7. In the world of distant stars	243
8. Atomic energy in the service of man	248
9. On land, on sea, in air and in cosmic space	261

AVAILABLE: Library of Congress (QD 466.W617)

Card 4/4

TM/jmr
2-10-60

O. WOLCZEK

19 23 5
Cold fusion reactors and use possibilities for propulsion of
space vehicles. [20] Wolczek (Inst. Nuclear Phys. Research
Wurzau). - Raketentech u. Raumfahrtforsch. 2, 93-7 (1969).
W. sketches the cold at. reactor that works with catalytic
synthesis of nuclei at low temp. He suggests that linear
acceleration of nuclei might prove to be a feasible propulsion
system. - Alfred J. Zehringen

HPI, 1/F3a,

4B, 4E3c

4E3d

1-RS

CR

PAF

WOLCZEK, O.

Artificial earth satellites.

p. 13. (KOSMOS. SERIA B: PRZYWODA NIEOZYWIONA.) (Warszawa, Poland) Vol. 4,
no. 1, 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

WOLCZEK, O.

The upper atmosphere and the electromagnetic extraterrestrial radiations as well as the streams of particles in the light of investigations performed by the use of artificial satellites and high-altitude rockets. p. 573

POSTE PY FIZYKI. (Polskie Towarzystwo Fizyczne)
Warszawa. Vol. 9, no. 5, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

WOLCZEK, O.

Distr: 4E3c 2 cys/4E3e

^{1/} ^{1/} ⁹
Internal conversion electrons of thulium-167 ^{1/} ³ S. Chojnacki, H. Lancman,
R. Sosnowski, O. Wolczek, J. Zylicz (Inst. Badan Jadrowych, Warsaw), and I. A. Yutlandov
Polish Acad. Sci., Inst. Nuclear Research, Rept. No. 115/I-A, 6 pp (1959) (in Russian).
-Transitions in Tm¹⁶⁷ obtained by irradiating Tm with 660-m.e.v. protons were studied
in internal conversion electron spectra obtained within 610-4170 gauss-cm. A new
conversion line representing a 534-e.kv. transition in the K shell was attributed
to El.

A. Szafranski

(Retyped Clipped Abstract)

Card 1/1

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WOLCZEK, O.

Moon rockets. p. 119.

KOSMOS. SERIA B: PRZYCZNA NIEOZYWIONA. (Polskie Towarzystwo Przyrodnikow im. Kopernika) Warszawa, Poland. Vol. 5, no. 2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 8, August 1959.
UNCL

P/048/61/000/003/003/004
I004/I204

AUTHOR: Wołczek, Olgierd

TITLE: Upper atmosphere and cosmic space. Review of recent years. Conclusion.

PERIODICAL: Astronautyka no. 3, 1961, 11-15

TEXT: The purpose of this work is to analyze recent results with regard to the biological hazard to manned flights. It was found that the earth's atmosphere extends much further than had been assumed. There are two to three belts of intensive radiation in the neighborhood of our planet and radiation is present even in interplanetary space. The correlation of several physical effects with solar activity was also shown. The intense radiation may affect manned cosmic flights. There is 1 table.

Card 1/1

✓

L 07163-67 EWT(m)/FCC/FWP(e) WH/WW
ACC NR: AP6029399

SOURCE CODE: P0/0048/66/000/002/0014/0018

AUTHOR: Wolczek, Olgierd

56
53
13

ORG: none

TITLE: On the path toward the Evening Star

SOURCE: Astronautyka, no. 2, 1966, 14-18

TOPIC TAGS: Venus planet, Venus probe, Venus trajectory

ABSTRACT: The article sums up briefly the present state of knowledge about the planet Venus, and reports on the flights of space probes directed at it. At present, the atmosphere of Venus is described by three models (the greenhouse, eospheric, and ionospheric model). It is probably composed of 90% nitrogen, 5-10% carbon dioxide, about 1% argon, and small amounts of oxygen and water vapor, and its clouds are probably made up of ice crystals. The partial failure of the Soviet probe "Venus 1", and the findings of the U. S. probe "Mariner II" are discussed. Schematic diagrams of the probes "Venus 2" and "Venus 3" are given. The instrumentation of these two probes included a precise magnetometer for very weak magnetic field intensities and components of this intensity in three mutually perpendicular directions; Geiger-Muller counters, and semiconductor detectors for cosmic radiation; special traps for detecting low-energy charged particle fluxes, and solar plasma clouds. Piezoelectric gages reported on

Card 1/2

L 07163-67

ACC NR: AP6029399

micrometeorite impacts. Radio receivers were used to observe cosmic radio waves in the 150 m, 1500 m and 15 km bands. Orig. art. has: 6 figures. 3

SUB CODE: 03,22/ SUBM DATE: none

Card 2/2 M/26

AUTHOR: Wolczek, O.

TITLE: Space artillery

SOURCE: Astronautika, no. 2, 1965, p. 11

research and observations in the upper atmosphere. This work is being done by a group of scientists from McGill University in Montreal with the cooperation of American

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cooperation in counter

ASSOCIATION: none

SUP CODE: SV, WA

SUBMITTER: 01

ENCL: 00

NO REC'D: 00

TYPE: 000

RECORDED BY: R. JASTRZĘBIAK, TASTNSKI, Kazimierz:

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961720004-1"

SZERESZEWSKA, Halina; RASZEJA-WANIC, Bozena; JASINSKI, Kazimierz;
WOLDKA, Emilia

Effect of hydrochlorothiazide on water-electrolyte balance in
diabetes insipidus. Polskie arch. med. wewn. 31 no.11:1513-1522
'61.

1. Z I Kliniki Chorob Wewnętrznych AM w Poznaniu Kierownik: prof.
dr med. S.Kwasniewski.
(CHLOROTHIAZIDE ther) (DIABETES INSIPIDUS ther)
(WATER ELECTROLYTE BALANCE pharmacol)

Woldkowsky, B.

Country	: POLAND	H-27
Category	: Chemical Technology. Fermentation Industry	
Abs. Jour	: Ref Zhur-Khimiya, No 14, 1959, No 51368	
Author	: <u>Woldkowsky, B.</u>	
Institute	:	
Title	: Effect of Water Hardness on the Acidity of Carbonated Beverages	
Orig Pub.	: Przem. fermentacyjny, 1958, 2, No 3, 106-107	
Abstract	: It has been shown that salts responsible for temporary water hardness used in production of carbonated beverages (B), are responsible for the lowering of acidity of B. It is recommended to increase the calculated quantity of the temporary hardness salts contained in the process water. It is also recommended to check systematically the concentration of acids used. Presented are examples of calculations necessary in the manufacture of B, quantities	
Card:	1/2	

H-27

Country :

Category : Chemical Technology.

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 51368

Author :

Institute :

Title :

Orig Pub. :

Abstract : of acids corrected to various degrees of
water hardness. -- G. Oshmyan

Con'd

Card:

2/2

H-140

WOLDONSKI, B.; TOVAROW, W.

Unexploited possibilities of the efficiency of mills. p. 252.
(Panstwowe Wydawnictwa Techniczne) Krakow. Vol. 10, no. 11, Nov. 1954
CEMENT, WAPNO, GIPS

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

WOLEK, Jozef (Kocborowo)

In memoriam Jozef Bednarz, 1879-1939. Neur. &c polska 10 no.3:
393-396 My-Je '60.
(OBITUARIES)

BRZECKI, Andrzej; WOLEK, Marian

Melorheostosis with hemidystrophy. Pol. arch. med. wewnet. 34
no.10z1367-1371 '64

I. z Kliniki Neurologicznej Akademii Medycznej we Wrocławiu
(Kierownik: prof. dr. med. R. Arend) i z Kliniki Radiologicznej
Akademii Medycznej we Wrocławiu (Kierownik: doc. dr. med.
Z. Kubakiewicz).

ROSOWSKI, Franciszek; WOLEK, Marian

Some liver and spleen tumors in the lienopertographic picture.
Pol. przegl. radiol. 28 no.3:251-255 My-Je '64

1. Z Kliniki Radiologicznej Akademii Medycznej we Wrocławiu
(Kierownika doc. dr. med. Z. Kubakiewicz) i I Kliniki Chirur-
gicznej Akademii Medycznej we Wrocławiu (Kierownika prof. dr.
K. Czyżewski).

CZYZEWSKI, K.; GIERMANSKI, A.; WOLEK, M.

Congenital malformations of the portal vein in the radiologic
picture. Pol. przegl. radiol. 29 no.4:425-432 J1-Ag '65.

1.-Z I Kliniki Chirurgicznej AM we Wrocławiu (Kierownik: prof.
dr. K. Czyzewski) i Kliniki Radiologicznej AM we Wrocławiu
(Kierownik: doc. dr. Z. Kubrakiewicz).

CA WOLEMANN, M.

11/3

Photometric method for testing for the presence of iron in the central nervous system. Mária Wolemann (Univ. Szeged, Hung.). *Acta Morphol. Acad. Sci. Hung.* 1, 127-32 (1951) (in English).—Sections of brain, 40 and 20 microns thick, were measured photometrically, after development of Prusikan blue and Turnbull blue, for the detec. of Fe. Av.

results (mg. %): substantia nigra 11.5, globus pallidus 13.8, nucleus dentatus 5.0, red nucleus 6.0, cerebral cortex 5.25, tegmentum pontis 4.5, medulla oblongata 3.2, spinal cord 3.0. William M. McCord

1952

CERNY, E, MUDr.; HAVLIK, O. RNDr. [deceased]; CHLADEK, V, MVDr.; NOVOTNY, J, MUDr.;
PECENKA, J.; MUDr.; PRIVORA, M., MUDr.; SYMON, K, MUDr.; SYRUCEK, L.
MUDr; VYMOLA, E, MUDr.; WEISER, J, RNDr.; WOLF, A. MUDr., doc.; RASKA, K.,
prof., MUDr, redaktor.

Medical protection against biological warfare. Zdrav.
aktuality 122:1-150 '63.

*

WOLF, A.; MALKUS, Z.

Food hygiene. Cesk. hyg. 7 no.6:347-354 Jl '62.
(NUTRITION)

WOLF, A.

Food in Czechoslovakia as the source of Sr⁹⁰. Cesk. hyg. 9
no.3:140-144 Ap'64.

1. Lekarska fakulta hygienicka KU, Praha.

CZECHOSLOVAKIA

WOLF, A., and ADAMOVA, I., of the Chair of the Hygiene of Children and Adolescent and Nutrition (Katedra hygieny deti a dorostu a vyzivy), Faculty of Medical Hygiene (Lekarska fakulta hygienicka), Charles University, Prague, Docent F. JANDA, MD, director.

"Contribution to the Evaluation of the So-Called Alimentary Anemia"

Prague, Casopis Lekaru Ceskych, Vol CII, No 17, 26 April 63, pp 444-448.

Abstract [Authors' English summary]: In a model animal experiment the authors studied the relation of changes in the red blood count to various compositions of the nutrition and oxygen saturation. They found that in short-term fasting the values of the red blood count in grown-up individuals remain in physiological ranges; in long-term and calorically insufficient or abundant nutrition there occur conspicuous changes due however to simultaneous lowering of the biological value of nutrition. They conclude that the term "simple alimentary anemia" based only on caloric restriction is incorrect. Denutrition damps the irritating effect of a lowered oxygen tension on bone marrow. The values of

1/2

JAKAC, Dusan, doc., dr.; WOLF, Andelko, dr.

Our experiences with griseofulvin in the treatment of dermatomycoses.
Med. glasn. 15 no.1:25-30 Ja '61.

1. Dermato-veneroloski odjel Opce bolnice "Braca Sobol" u Rijeci
(Upravnik: doc. dr D. Jakac).

(GRISEOFULVIN ther) (DERMATOMYCOSIS ther)

WOLF. A.

Demonstration of dying of cells in growing culture. Chekh. biol.
3 no.3:147-151 Aug 54.

(CELL DIVISION,

bact., unequal & dead daughter cells)

(BACTERIA,

cell division, unequal & dead daughter cells)

WOLF A.

WOLF, A.; HIAVACOVA, M.; PRSKAVCOVA, V.; MARESOVA, P.

Changes in food stuffs under the influence of ionizing radiations.
J. Hyg. Epidem., Praha 1 no.2:156-162 1957.

1. Institute of Hygiene, Prague.

(ROENTGEN RAYS, eff.

on nutritive value & microbiol. of food stuffs)

(FOOD, eff. of radiations on

x-rays, on nutritive value & microbiol. of food stuffs)

RUMANIA/Microbiology. Hemoglobinophilic Bacteria. Pathogenic Fungi and Actinomycetes

F-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62514

Author : Popper M., Wolf A., Untecu Gh.

Inst : -

Title : The Problem of Pulmonary Moniliasis

Orig Pub : Ftiziologia, 1957, 6, No 5, 387-395

Abstract : No abstract

Card : 1/1

51

WLF, ALPERT

POLAND/Laboratory Equipment, Instruments, Their Theory,
Construction, and Use.

F.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25008
Author : Alpert Wolf
Inst :
Title : Electronic Autocompensators. Part II.
Orig Pub : Pomiary, automat. kontrola, 1957, 3, No 6, 226-228

Abstract : A presentation of technical data relating to industrial types of electronic potentiometers, and other automatic electronic instruments, manufactured in USSR and German Democratic Republic. Problems of the development of a corresponding branch of instrument manufacturing in the Polish People's Republic, are considered.
Part I see RZhKhim, 1958, 4457.

Card 1/1

see it
POPPER, M.; WOLF, A.; JIENESCU, Zoica

Corticotherapy in bronchopulmonary suppurations. Med. int., Bucur.
10 no.1:107-112 Jan 58.

(LUNG DISEASES

bronchopulm. suppurations, x-ray diag. & adrenocortical ther)

(ACTH, ther. use

bronchopulm. suppurations, with antibiotics)

(ANTIBIOTICS, ther. use)

bronchopulm. suppurations, with ACTH & cortisone)

(CORTISONE, ther. use

bronchopulm. suppurations, with antibiotics)

BENES, V.; JANDA, F.; SYMON, K.; WOLF, A.

The state of tuition and its future outlook in the hygiene department at the medical faculty of hygiene. Cesk. hyg. 7 no.7:395-398 Ag '62.

1. Lekarska fakulta hygienicka University Karlovy v Praze.
(HYGIENE education)

WOLF, A.; ADAMOVA, I.

Red blood cell count as a criterion of the nutritional status.
Cesk. hyg. 7 no.10:573-579 D '62.

1. Katedra hygieny deti a dorostu a vyzovy lekarske fakulty hygienicke
University Karlovy Praha.
(ERYTHROCYTE COUNT) (HEMOGLOBINOMETRY) (NUTRITION)

L 24731-65

AM1043712

BOOK EXPLOITATION

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Racka, K. (Professor, Doctor of medical science); Havlik, O. (Doctor of natural science); Chladek, V. (Doctor of veterinary medicine); Novotny, J. (Doctor of medical science); Privora, M. (Doctor of medical science); Symon, K. (Doctor of medical science); Weiser, J. (Doctor of natural science); Wolf, A. (Doctor of medical science), comps.

Health protection in biological warfare (Der gesundheitsschutz im biologischen Krieg)
Berlin, VEB VVG, 1962. 163 p. illus., biblio. No. of copies printed not given.
Rev. translation of Zdravotnicka obrana proti biologické válce. Prague, SZdN,
1958. Not in LC.

TOPIC TAGS: biological warfare, civil defense, military medicine

PURPOSE AND COVERAGE: This book is intended for physicians, medical personnel, and general readers to acquaint them with biological warfare. Methods of protection are discussed.

TABLE OF CONTENTS

Foreword

Ch. 1. Short history of biological warfare - 7
Card 1/7

L 24731-65

AM4043712

Ch. 2. Main characteristics of biological warfare -- 14

Attack manner -- 14

What means the enemy can use in biological war -- 17

Air poisoning -- 20

Water and food poisoning -- 21

Using infected insects -- 23

Propagation of infection through the wounded skin -- 24

Ch. 3. Protection in biological war -- 28

Effect of meteorological and geographic conditions on the forming of aerosols -- 32

Defecting an attack -- 36

Card 2/7

L 24731-65
AM4043712

O

Gathering of contaminated material for examination -- 39

Equipment of infection-groups -- 39

Invoice for laboratory examination of contaminated material -- 45

Detection, collection, and dispatch of insects for examination -- 46

Catch of host parasites -- 49

Gathering of free living parasites -- 50

Preparing of insects for shipment -- 54

Fixation of insects and their preservation -- 54

Preservation of living insects -- 55

Shipment of insects for microbiological examination -- 55

Card 3/7

L 24731-65

AM1043712

Information service -- 56
Collective protection -- 60
Desinfection -- 60
Measures for fighting possible epidemics -- 62
Preventative measures -- 63
Measures for rapid removing of infectious diseases -- 66
Ch. 4. The use of biological warfare against animals -- 70
Protection and liquidation of infectious diseases -- 76
Ch. 5. Sanitary control of water -- 78
Practical desinfection -- 83

Cord 4/7

L 24731-65

AR4043712

Small water installations -- 85

Large water installations -- 85

Desinfection of drinking water -- 86

Ch. 6. Prevention of mass infectious diseases and mass-poisoning with food-stuffs -- 88

Protection of foodstuffs -- 93

Ch. 7. Biological means of combat which can be used for annihilation of agricultural plants -- 94

Defense against biological and chemical arms in agriculture -- 113

Ch. 8. Individual protection in attack with biological means of combat -- 117

Protective clothing -- 117

Card 5/7

L 24731-65

AM4043712

Face protecting mask

Rubber gloves and boots -- 119

Ch. 9. Sterilization -- 120

Desinfection and insect and rat extermination -- 130

Insect extermination -- 129

Extermination of rodents -- 136

Equipment of a desinfection group of three persons -- 139

Ch. 10. Simple improvised equipment which can be used under extraordinary conditions -- 140

Improvised mass bath-houses -- 141

Improvised equipment for removal of waste water and materials -- 145

Cord 6/7

L 24731-65

AM4043712

- Improvised field kitchen for mass-victualing of people -- 154
- Improvised installation for desinfection -- 156
- Improvised installation for drink water procurement -- 158
- References -- 164

SUB CODE: -- CB

SUBMITTED: 0000058

NO KEY BOV: 001

OTHER: 016

Card 7/7

WOLF, A., ADAMOVA, I.

CSSR

Department of Nutrition and Hygiene for Children and Adolescents, Medical Faculty for Hygiene, Charles University (Katedra hygieny deti a dorostu a vyzivy lekarske fakulty hygienicke University Karlovy), Prague

Prague, Ceskoslovenska Hygiena, No 10, 1962, pp 573-579.

"Red Blood Cell Count as a Criterion of the Nutritional Status"

HALACKA, K.; WOLF, A.

CSSR

Dept. of Hygiene and Epidemiology, Medical Faculty J.E. Purkyne University
(Katedra hygieny a epidemiologie lekarske fakulty UJEP), Brno; Dept. of
Hygiene of Nutrition, Medical Faculty Charles University (Katedra hygieny
vyzivy lekarske fakulty hygienické FN), Prague (for both)

Prague, Ceskoslovenska hygiena, No 2, 1963, pp 89-97

"Scientific Basis for the Protection of the Nutritive Value of Foodstuffs"

(2)

WOLF, A.; ADAMOVA, I.

Contribution to the evaluation of so-called alimentary anemia.
Cas. lek. cesk. 102 no. 17: 444-448 26 Ap '63.

1. Katedra hygieny deti a dorostu a vyzovy lekarske fakulty hygienicke
KU v Praze prednosta doc. dr. F. Janda.
(ANEMIA) (ERYTHROCYTE COUNT) (FASTING) (DIET)

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On the problem of food additives. Cesk. hyg. 10 no.3:145-152
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P/032/62/009/001/001/004
D265/D308

AUTHOR: Wolf, Jerzy (Warsaw)

TITLE: Parallel flow recuperative multichannel heat exchangers

PERIODICAL: Archiwum budowy maszyn, v. 9, no. 1, 1962, 55 - 76

TEXT: The analysis presented in this paper enables one to reduce to ordinary differential equations any problems on parallel unidirectional and counter-flow recuperative multichannel heat exchangers. Assuming all possible real or fictitious combinations of heat transfer couplings between the channels two sets of linear differential equations are obtained in the general form defining the temperature distribution along the channels. The discussion is illustrated by solving the fundamental case of the ordinary two channel heat exchanger which proves that all the problems in this field can be reduced to a set of homogeneous linear differential equations of first order. By introducing the motion of heat transfer per unit of channel length the theoretical analysis can be presented in a dimensionless form enabling one thus to solve rapidly numerical problems

Card 1/2

Parallel flow recuperative ...

P/032/62/009/001/001/004
D265/D308

making use of the universal graph presented in this paper. There are 6 figures. The most important English-language publication reads as follows: M. Jakob, Heat Transfer, London 1957.

SUBMITTED: October 1961

Card 2/2

P/032/62/009/003/001/004
D265/D308

AUTHOR: Wolf, Jerzy (Warsaw)

TITLE: Applications to the Field tube of the general
equations of parallel-flow recuperative multichannel
heat exchangers

PERIODICAL: Archiwum budowy maszyn, v. 9, no. 3, 1962, 331-347

TEXT: With reference to the author's general theory presented in his previous paper (Ref. 1: Archiwum budowy maszyn, PWN, Warsaw, 1962, v. 9, no. 1) the particular case of a Field tube is studied in detail, with a practical example. The procedure is explained by considering two cases: the solution of the set of differential equations determining the temperature distribution in channels of a Field tube and that determining the distribution of the temperature difference. It is shown that applying the author's general theory the general equations for the temperature distribution and those for the mean temperature difference can be obtained irrespectively of the direction of flow in the channels. The equations are simplified by expressing them in terms of the roots of their characteristic equation.

Card 1/2

P/032/62/009/003/001/004

D265/D308

Applications to the Field tube ...

tic equations. It is found that the equations for the mean temperature difference derived by Hurd constitute a particular case of these relations. The existing theory of the Field heat exchanger has thus been simplified by applying the general theory which does not necessitate deriving and solving of differential equations of higher orders for each particular case of flow configuration.

SUBMITTED: March 1962

Card 2/2

P/008/63/000/001/003/004
D265/D307

AUTHOR: Wolf, Jerzy, Master of Engineering

TITLE: A noise suppressor for jet engine test shop

PERIODICAL: Technika Lotnicza, no. 1, 1963, 18

TEXT: Polish patent no. 38100, Class 46g, 7/05 valid from September 24, 1954, published June 15, 1956. The invention is concerned with a method for cooling the walls of a noise suppressor, exposed to the action of elevated temperatures, made from suitable materials in jet engine test-shops. A typical design is shown in Fig. 1, where the stream of hot exhaust gases (G) of the engine (2) flows through the metal tube of the ejector (3) and (5), and is mixed with atmospheric air led in by inlet suppression chambers (6). After mixing, the gases are passed out to the atmosphere via suppression chambers (7). Lack of air exchange in the housing (4) causes the walls to heat up, necessitating the use of special thermal insulation and of a construction resistant to the action of elevated temperatures. The design shown in Fig. 2 is an improvement on the

Card 1/3

P/008/63/000/001/003/004
D265/D307

A noise suppressor ...

above. The design of the silencer according to the present invention is shown in Fig. 3. The silencer includes intensive cooling of the internal walls of housing (4₃), containing ejector (3) and (5), by passage of the entire air sucked in by the ejector in a direction opposite to the direction of gases flowing through this ejector in a direction opposite to the direction of gases flowing through this ejector. Under these conditions the temperature of the wall is close to atmospheric, by continuous removal of heat from these walls. The silencer comprises inlet (6) and outlet (7) suppression chambers, forming an individual constructional-building unit. This allows the sound suppressor to be isolated functionally from the equipment and accommodation of the engine test-shop.

[Abstracter's note: Complete translation]

ASSOCIATION: Instytut Lotnictwa, Warszawa, Polska (Aviation Institute, Warsaw, Poland)

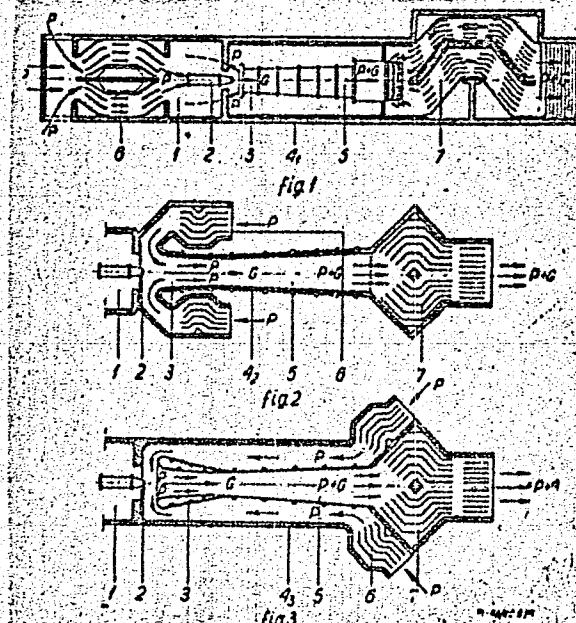
Card 2/3

A noise suppressor ...

P/008/63/000/001/003/004
D265/D307

Figs. 1,
2 & 3

Card 3/3



P/008/63/000/001/004/004
D265/D307

AUTHOR:

Wolf, Jerzy

TITLE:

Aviational compressor jet engine as a source of compressed air

PERIODICAL:

Technika Lotnicza,, no. 1, 1963, 19

TEXT: Polish patent no. 38443, class 46g, valid from December 3, 1954, published November 30, 1955. Apart from their use in aircraft, compressor jet engines have been applied to power aero-dynamic tunnels; in this arrangement the air, incoming directly by suction or with the aid of ejector, is used as a mixture with the exhaust gases. Although applications of such engines to the control of the wall layer on aircraft are known, the compressed air used was less than 6% by weight, of the air passing through the engine. According to the present invention, a large amount of air may be obtained, which is not contaminated with exhaust gases. In this case the engine has an increased area of the outlet corresponding to operational conditions in aircraft by at least 40%, to allow collection

Card 1/2

P/008/63/000/001/004/004
D265/D307

Aviational compressor ...

of considerable quantities of air, exceeding 10% by weight of the
air passing through the engine.

Abstracter's note: Complete translation

ASSOCIATION: Instytut Lotnictwa, Warszawa, Polska (Aviation
Institute, Warsaw, Poland)

Card 2/2

S/081/63/000/002/063/088
B162/B102

AUTHORS: Wojciechowski, Jan, Nantka-Namirski, Pawel, Wolf, Jerzy,
Bezdecki, Czeslaw

TITLE: Obtaining N-arylsulfonyl-N'-alkyl urea

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 409, abstract
2N67 (Pol. patent 44830, June 20, 1961)

TEXT: Supplement to the Pol. patent 44577 (RZhKhim, 1962, 22L125). Combinations of the total formula $RC_6H_4SO_2NHCONHR'$ (where R = alkyl, chloralkyl, haloid, nitro-, nitroso- or amino- group; R' = alkyl, aryl, cycloalkyl or heterocyclic radical) are obtained by condensation of corresponding arylsulfochlorides with the secondary heterocyclic amines, e.g. with imidazole (I), in the presence of an anhydrous organic solvent. To 1 mole of sulfochloride, 2 moles of amine is taken. Hydrochloride of amine is filtered off, a stoichiometric quantity of N-alkylurea is added, the solution is heated to boiling point, the solvent is distilled off. The residue is washed with water in order to remove amine, and recrystallized. For instance, 0.1 mole of $n\text{-CH}_3C_6H_4SO_2Cl$ is heated for 15 min with 0.2 mole of I

Card 1/2

S/081/63/000/002/063/088
B162/B102

Obtaining N-arylsulfonyl-N'-alkyl urea

in 50 ml of tetrahydrofuran. The mixture is cooled, hydrochloride I is filtered off, and 11.6 g of butyl urea is added to the filtrate. The mixture is boiled for 3 hours, the solvent is distilled off, the residue is ground down and washed with water. The product is recrystallized with 75% alcohol. 23 g (85%) of N-n-toluenesulfonyl-N'-butyl urea is obtained, melting point 128 - 129.5°C. [Abstracter's note: Complete translation.]

Card 2/2

MIRECKI, Rufin; WOLF, Jerzy

Modification of protective Kilian's mask. Otolaryng. Pol. 18
no.2:315-316 '64.

1. Z Oddzialu Otolaryngologicznego Szpitala Wojewodzkiego w
Gdansku (Kierownik: dr. med. R. Mirecki).